

Title (en)

Process for preparation of N-acryl-aminodiacids

Title (de)

Verfahren zur Herstellung von N-Acylaminodicarbonsäuren

Title (fr)

Procédé de préparation des acides dicarboxyliques N-acyl

Publication

EP 0844235 A1 19980527 (EN)

Application

EP 96118530 A 19961120

Priority

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Abstract (en)

This invention relates to an improved process for preparing selected N-acyl-aminodiacids I such as lauroyl glutamic acid wherein said process comprises (a) a reacting an excess of a compound of Formula II: <CHEM> wherein: M<1> and M<2> are each independently selected from the group consisting of hydrogen, sodium, potassium and ammonium with a chloride of Formula III: <CHEM> wherein: y = 0 - 18, in the presence of a water/polar organic solvent mixture with a sufficient amount of base to form a reaction mixture from which a disalt form of the compound of Formula I may be obtained; and (b) adding the disalt form of Formula I to an HCl solution to form the compound of Formula I; provided that the compound of Formula III is added in an amount such that: (a) it does not exceed 95% of the molar equivalent amount of the compound of Formula II added initially; (b) the pH value of the reaction mixture is maintained in the range of 9-13; and (c) the temperature of the reaction mixture is maintained in the range of 0 - 10 degrees C.

IPC 1-7

C07C 231/02; **C07C 233/47**

IPC 8 full level

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C07C 231/02 + **C07C 233/47**

Citation (applicant)

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Citation (search report)

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